

REGISTRATION is easy as 1, 2, 3!

- 1 Decide what programs you would like to attend.
- 2 Call 206-233-1515 and follow the instructions for the type of program you would like:
Extension 2: Summer Public Tours
Extension 3: School Field Programs
Extension 4: Family and Adults Programs
Leave a message noting the name of the program, the date of when you want to attend, number of people in your party, your name and phone number and best time to return your call.
- 3 Your call will be returned in the order it was received. Registration is first called, first served according to space availability. Payment will be due two weeks after scheduling and you will be mailed a confirmation.
Space is limited so register soon!

Cancellation and Refund Policy:
Cancellations received served days prior to class date will be refunded at 80%. After that date no refunds will be made.

How to Contact Us:
CRW EDUCATION CENTER
(206) 733-9421
NORTH BEND AREA
(425) 831-6780
WWW.CI.SEATTLE.WA.US/UTIL/CEDARWATERSHED/
RESERVATION LINE
(206) 233-1515

Friends of the Cedar River Watershed
(206) 297-8141
www.cedarriver.org

FRIENDS OF THE CEDAR RIVER WATERSHED
6512 23RD AVENUE NW, ROOM 316
SEATTLE, WA 98177

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The Cedar River Watershed Education Center
2003 PROGRAM CATALOG



The Cedar River Watershed Education Center, opened in Fall 2001, is a regional facility created as a gathering place to connect people with the source of their water. It is nestled above the shores of Rattlesnake Lake in the Cascade foothills; the Education Center is a gateway to discovering how land and water connect to you.

Welcome to the
Cedar River Watershed
Education Center's
2003 Program Catalog



The Cedar River Watershed is over 91,000 acres of protected land, and the major source of drinking water for 1.3 million people living in the greater Seattle area. The watershed, with its dramatic array of habitats, offers an excellent backdrop for illuminating the social and ecological connections among land, wildlife, water, and people.

The Friends of the Cedar River Watershed, Seattle Public Utilities, and the Saving Water Partnership are thrilled to offer an array of opportunities for you and your children to gaze inside this protected watershed. Come and discover—through seminars, storytelling, and field trips—what lies hidden behind its gates, and participate in the restoration of the region's most precious natural resource.

See you at the 'shed!

Susan Rafanelli
President, Friends of the Cedar River Watershed

Suzanne Flagor
Director of Watershed Management Division
Seattle Public Utilities

The Friends of the Cedar River Watershed

Friends of the Cedar River Watershed (FCRW) is a private, non-profit organization incorporated in 1996 and dedicated to the protection and restoration of the Cedar River Watershed.

The Friends of the Cedar River Watershed are working to:

- * Ensure the long-term stewardship of the watershed
- * Provide and promote environmental education, especially for children
- * Educate the public about the importance of the Cedar River Watershed

Since 1996, the Friends have built a grass-roots constituency for the watershed through membership recruitment and outreach to partner organizations. Our primary goal is to educate the public about the source of our water and its ecological and cultural value, and to engage them in promoting the health of the watershed.

Friends of the Cedar River Watershed Program and Education Committee

JOEL SISOLAK, STAFF

ROZ GLASSER

JULIE HAMPDEN

DAVE KIRSCHTEL

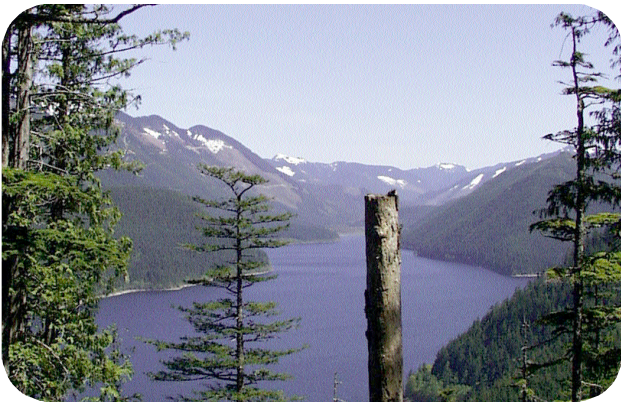
KAREN LEUTJEN

SUSAN RAFANELLI

ADRIENNE ROSS

SARAH BRANDT

FRIENDS CONTACT INFORMATION
(206) 297-8141
WWW.CEDARRIVER.ORG



Cedar River Watershed Education Staff

Marie Ruby, Public/Cultural Programs Manager

Chris Holland, Facility Coordinator

Ralph Naess, Public Education Program Specialist

Celese Brune, Public Education Program Specialist

Katie Saylor, Naturalist

Pierre LaBarge, Naturalist

Cedar River Watershed Program Reservation Line

(206) 233-1515
WWW.SEATTLE.GOV/UTIL/CEDARWATERSHED

Saving Water Partnership

City of Bellevue	King County Water District 125
City of Bothell	City of Kirkland
Cedar River Water and Sewer District	City of Mercer Island
Coal Creek Utility District	Northshore Utility District
City of Duvall	Olympic View Water and Sewer District
Highline Water District	City of Redmond
King County Water District 20	Shoreline Water District
King County Water District 45	Skyway Water and Sewer District
King County Water District 49	Soos Creek Water and Sewer District
King County Water District 85	Seattle Public Utilities
King County Water District 90	City of Tukwila
King County Water District 119	Woodinville Water District



In addition to providing more than 1.3 million customers in the Seattle metropolitan area with a reliable water supply, SPU provides essential sewer, drainage, solid waste, and engineering services that safeguard public health, maintain the City's infrastructure, and protect, conserve, and enhance the region's environmental resources.

Watershed Stewardship Projects

Get dirty, learn new things, help the environment.

If you are interested in getting your hands dirty and joining an energetic group of volunteers, come volunteer with the Friends of the Cedar River Watershed for a day of restoration tree planting or invasive plant removal in the Cedar River Watershed!

To reserve a spot and learn more details about these events, please contact Yvette Maestas either by phone at (206) 297-8141 or e-mail: YVETTEM@CEDARRIVER.ORG.

Restoration events are added throughout the year. Please contact us to receive an updated list of additional 2003 volunteer events!

April 19, 9:00 AM-2:30 PM
Tree Planting in the Lower Cedar River Watershed

June 28, 9:00 AM-2:30 PM
Invasive Plant Removal at the Masonry Dam

November 1, 9:00 AM-2:30 PM
Tree Planting in the Lower Cedar River Watershed

Other Cedar River Watershed Education Tours and Programs

Watershed Tours (Summer Weekends)

Anyone over 6 years of age can come and experience the Cedar River Watershed by foot and by bus.

COST: \$7.00 ADULTS
\$5.00 CHILDREN AND SENIORS
REGISTRATION BEGINS: MAY 1

Group Tours: (Summer Weekdays)

For interested groups of 10-13 people looking for in-depth information about water, land, and people.

COST: FREE
REGISTRATION BEGINS: APRIL 1

Watershed Field Program: (Fall, Spring)

Fourth and fifth graders from the greater Seattle area come to learn first-hand about their drinking water and the Cedar River Watershed. This national award-winning program is available on Tuesdays, Thursdays and Fridays.

REGISTRATION
SPRING PROGRAM: FIRST MONDAY IN JANUARY
FALL PROGRAM: FIRST MONDAY IN MAY
PROGRAM RESERVATION LINE: 206-233-1515

Want to Volunteer?

Join the team at the Cedar River Watershed Education Center and help shape the future of this new facility and volunteer program. Enjoy the spectacular beauty and increase your knowledge. Volunteers participate in a variety of duties and play a vital role in the success of the Center. All volunteers are asked to attend some training. Contact Chris Holland (206) 615-0831

Upcoming Events and Programs

Washington State Archaeology Month

Washington State celebrates its eleventh annual Archaeology Month this October.

Museums, tribal nations, archaeologists; federal, state, and local government agencies; universities and local school districts all work together to present educational events about the importance of protecting Washington's archaeological heritage. Seattle Public Utilities and the Cedar River Watershed proudly participate in Washington State Archaeology Month. To receive a free poster, calendar of events, and activity guide please provide your complete mailing address to ZEEH@CTED.WA.GOV or call (360) 586-3065.

King County Cedar River Salmon Journey

This fall join volunteer naturalists at sites along the Cedar River to see spawning salmon. Learn about the epic journey of salmon as they swim from the ocean—through the Locks—through Lake Washington and on up the river to spawn. Volunteers tell visitors about the natural and human history of the river, the life cycle, and habitat needs of the fish, including Puget Sound chinook salmon, a threatened species. We also learn what we can do to ensure the return of these special creatures. For more information, call Polly Freeman (206) 296-8359.

Teacher Workshops

Teacher Workshop: Wondering About Watersheds

Ralph Naess, M. A. Ed, SPU Education Specialist
July 24 - July 25
July 31 - August 1

This two-day workshop provides simple, easily replicated activities to help students of all ages explore the topics of land and water through inquiry-based investigations that support Washington State Essential Academic Learning Requirements. The first day will be spent in the field, while the second day will be split between the field and the Cedar River Watershed Education Center.

AUDIENCE: TEACHERS
COST: FREE; 10 CLOCK HOURS;
ONE CREDIT AVAILABLE THROUGH
SEATTLE PACIFIC UNIVERSITY
REGISTRATION ENDS: 7/17/03

Teacher Workshop: Water Matters

Mike Mercer-SPU Education Specialist
August 6-7, 10:00 AM-4:00 PM

Water Matters is a hands-on workshop sponsored by the regional Saving Water Partnership. It is designed to enhance teachers' understanding of water and the scientific concepts underlying the content found in the K-5 physical and earth science instructional kits. While the content and activities are designed for adult learners, the concepts explored are directly connected to the Washington State Essential Academic Learning Requirements for science. Classroom and field-based activities at the Center and in the Watershed, will create "real world" connections about the unique and special substance that H₂O is.

AUDIENCE: TEACHERS
COST: FREE; 10 CLOCK HOURS;
ONE CREDIT AVAILABLE THROUGH
SEATTLE PACIFIC UNIVERSITY
REGISTRATION BEGINS: 4/01/03
REGISTRATION ENDS: 7/28/03

Campfire Programs

These fun programs are targeted at local families looking for educational activities on Saturday nights this summer. Bring walking shoes, flashlight, and dress for weather.

It's a Bug's Life! Close Encounters with Little Critters

Pierre LaBarge and Katie Saylor,
SPU Naturalists
June 21, 7:30-9:00 PM

Join us around a roaring campfire as we explore the bug connection at the Cedar River Watershed through song, story, and exploration. This program includes a snack.

AUDIENCE: FAMILIES (MIN. AGE 3)
COST: \$7.00 PER FAMILY
REGISTRATION ENDS: 6/14/03

Why are We Batty About Bats?

Chris Holland-SPU Naturalist
August 9, 7:30-9:00 PM

Join us around a roaring campfire as we celebrate bats through song, story, and exploration. This program includes a snack.

AUDIENCE: FAMILIES (MIN. AGE 3)
COST: \$7.00 PER FAMILY
REGISTRATION ENDS: 8/2/03



Family Programs

Wetlands of the Cedar River Watershed

Clay Antieau, SPU Watershed Botanist
May 3, 9:00 AM-4:00 PM

The Cedar River Watershed holds a dramatic array of wetland habitats that provide important fish and wildlife habitat and help produce clean, abundant water. Join Watershed Botanist, Clay Antieau, as he explores some of the spectacular wetland systems in the Watershed, including an 80-acre bog, sedge meadows at Chester Morse Reservoir, and the recently restored beaver wetland system in the Rock Creek basin.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 13)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION ENDS: 4/26/03

Wildflowers of the Cedar River Watershed

Clay Antieau, SPU Watershed Botanist
June 28, 9:00 AM-4:00 PM

The Cedar River Watershed offers an abundance of beautiful and unusual wildflowers, all in a protected and rarely visited ecological preserve. In this tour, Watershed Botanist, Clay Antieau, travels to some of the Watershed's most spectacular places to study the Northwest's mountain flora. Join Clay as he explores rock outcrops, waterfalls, subalpine meadows, and old growth forests for the Watershed's notable botanical treasures.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 13)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION ENDS: 6/21/03

Sound to Mountains Bus Tour

Celese Brune, SPU Naturalist
August 2, 9:00 AM-3:30 PM

Follow the course of the Cedar River backwards, from the Puget Sound (Chittenden Locks) to the mountains and back. Discover how salmon endure urban and rural habitats and how these landscapes have been altered over the past centuries. See first-hand the source of your drinking water in the protected Cedar River Watershed on this guided bus excursion.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 8)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION ENDS: 7/26/03

Old Growth Forests of the Cedar River Watershed

Clay Antieau, SPU Watershed Botanist
August 9, 9:00 AM-4:00 PM

Join Watershed Botanist, Clay Antieau, in visiting some of the best low-elevation and high-elevation old forests in the Cascades. Hikes will include the Lost Creek old growth and ancient forests of Findley Lake. Learn why old growth forests are important and what the City of Seattle is doing to manage the Watershed's second-growth forests so they function more like older forests.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 13)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION ENDS: 8/2/03

Connecting the Sky to the Sea:
Understanding Stream Systems

Brent Lackey, SPU Watershed Planner
and Stream Ecologist
Dave Beedle, SPU Watershed Hydrologist
August 16, 10:00 AM-4:00 PM

Join a hydrologist and a watershed planner for an exploration of how stream, lake, and wetland ecosystems are managed and restored for habitat in Cedar River Watershed. A discussion of fresh-water aquatic systems and how streams function will set the stage for a field trip to a variety of streams and local cutting-edge restoration efforts.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 13)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION ENDS: 7/26/03

An Expedition into the Joe
Monohan/Findley Lake Natural
Research Area

Tom Hinkley, UW Professor
of Ecosystem Science
Ralph Naess, SPU Naturalist
August 23, 9:30 AM-4:30 PM

Delve into a variety of research projects that the Findley Lake Natural Research Area has supported over the last three decades. A mile long trail winds its way through old growth to a lake nestled in a subalpine basin. This pristine area has provided fundamental knowledge on how trees, forests, and the soil on which they grow function in this Pacific Northwest ecosystem.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 10)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION ENDS: 8/16/03

Logger’s Songs and Storytelling

Bob Antone,
Snoqualmie Valley artist and historian
Jennifer McKenzie, Snoqualmie Valley historian
September 6, 7:00-9:30 PM

Join artist and historian Bob Antone as he performs logger’s songs and tells logger’s tales at the Cedar River Watershed Education Center. Hear traditional Northwest fiddle music in an evening of learning fun.

AUDIENCE: FAMILIES AND ADULTS
COST: FREE
REGISTRATION ENDS: 8/30/03

SalmonPeople:
The Past, Present, and Future
of the Pacific Northwest

Written and Performed by Peter Donaldson
www.peterdonaldson.net
October 17, 7:30-9:00 PM

SalmonPeople is a one-man tour de force of character, story, and freehand cartography. With ferocious charm and inquisitive humor, good science, and great storytelling, *SalmonPeople* reveals the economic and ecological interdependence of salmon and people in our own backyard, the Pacific Northwest bioregion. The *SalmonPeople* experience includes a town meeting style dialogue asking, “Who’s writing the next chapter in this story?”

AUDIENCE: ADULT AND FAMILIES
(MIN. AGE 8)
COST: FREE
REGISTRATION ENDS: 10/10/03

Adventures in Archaeology

Roger Kiers, SPU Archaeologist
November 1, 10:00 AM-2:00 PM

Dabble in archaeology for the day. Kids and adults join a watershed archaeologist and discover the rich cultural history of the Cedar River Watershed. Hands-on activities include analysis of artifacts and a visit to a prehistoric archaeological site.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: FAMILIES (MIN. AGE 10)
COST: \$10.00 ADULTS
\$5.00 YOUTH AND SENIORS
REGISTRATION BEGINS: 7/01/03
REGISTRATION ENDS: 10/24/03

Adult Programs

Clay, Coal, and a Company Town:
A Walking Tour of Historic Taylor

Roger Kiers, SPU Archaeologist
April 26, 1:00-5:00 PM

Hidden beneath lush undergrowth at the historic town site of Taylor (1890s-1947), bricks and clay and bits of coal reveal a different era in the lower Cedar River Watershed. A brief historical lecture at the Cedar River Watershed Education Center will prepare participants for an afternoon exploration of the remains of the town and factory.

Participants should dress for the weather, wear sturdy shoes, and bring water.

AUDIENCE: ADULTS-GENERAL
COST: \$10.00 ADULTS
REGISTRATION ENDS: 4/18/03

Finding the Pieces
of the Forest Ecology Puzzle

Amy LaBarge, SPU Forest Ecologist
July 9, 7:00-8:30 PM

This seminar covers the basics of forest ecology, including forest development and ecological processes. There will be a brief discussion of current forest restoration efforts underway in the Cedar River Watershed. This program is closely related to *Watershed Restoration: What’s It All About?*

AUDIENCE: ADULTS-GENERAL
COST: \$5.00 ADULTS
REGISTRATION ENDS: 7/02/03



Watershed Restoration:
What’s It All About?

Jim Erckmann, PhD, SPU Ecosystems Manager
July 11, 7:00-9:00 PM at the Cedar River
Watershed Education Center
July 12, 9:00 AM-5:00 PM, Field trip

This seminar explores different definitions for watershed "restoration" and how current environmental conditions constrain what we can or might want to do with watersheds degraded by human activities. The focus will be on mountain watersheds in which forestry is the primary activity. A class lecture and discussion will be followed by a field trip to various restoration sites in the Cedar River Watershed.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes for the field trip portion.

AUDIENCE: ADULTS-GENERAL,
COST: \$15.00 ADULTS
REGISTRATION ENDS: 7/04/03

Salmon of the Cedar River

Rand Little, SPU Fish Biologist
Ralph Naess, M. A. Ed., SPU Naturalist
October 18, 10:00 AM-2:00 PM

This program explores in-depth the five links to salmon conservation in the Cedar River system. Explore human impacts, habitat restoration efforts, and controversial issues that surround these salmon. Travel by van to various locations on the lower Cedar River.

Participants should bring a lunch/drink, rain gear if necessary, and wear comfortable walking/hiking shoes.

AUDIENCE: ADULTS-GENERAL,
COST: \$10.00 ADULTS
REGISTRATION ENDS: 10/11/03